

IN THE CLAIMS

Please amend the claims as follows:

1. (Previously Presented) A method comprising the steps of:

providing real-time video information and control
information related thereto, the real-time video information being
subdivided into cells, the cells being independently playable
5 portions of the video information, and the control information
including playback parameters for reproducing sequences of the
cells;

selecting a starting point within a recording area of an
optical record carrier, the starting point being after and
10 separated from the beginning of the recording area for creating a
free area between the beginning of the recording area and the
starting point;

recording the real-time information at positioned after
the starting point according to a recording format; and

15 recording the control information in the free area
according to the recording format.

2. (Previously Presented) The method of claim 1, wherein:

the recording format requires a variable area for the
control information depending on variations of the playback
parameters; and

5 the free area is smaller than the variable area maximally
required to accommodate all possible variations of the playback
parameters.

3. (Previously Presented) The method of claim 1, wherein the
recording format is the DVD format.

4. (Previously Presented) A video recording device comprising:
 means for selecting a starting point within a recording
area of an optical record carrier, the starting point being after
and separated from the beginning of the recording area for creating
5 a free area between the beginning of the recording area and the
starting point; and

 means for controlling the recording of real-time video
information and control information related thereto in the
recording area arranged according to a recording format, the video
10 information being divided into cells, the cells being independently
payable portions of the video information, the control information
including playback parameters for reproducing sequences of the
cells, the recording including:

 recording the real-time information from the starting
15 point; and

 recording the control information in the free area.

5. (Previously Presented) The recording device of claim 4,
wherein, the recording format requires a variable area for the

control information depending on variations of the playback parameters; and the free area is smaller than the variable area
5 maximally required to accommodate all possible variations of the playback parameters.

6. (Previously Presented) The recording device of claim 5, wherein the recording means restrict the allowed variations of at least one playback parameter or combination of playback parameters so that the control information fits within the free area.

7. (Previously Presented) The recording device of claim 4, wherein the recording format is the DVD format.

8. (Previously Presented) The recording device of claim 7, wherein the free area accommodates VMGI, VMGI_BUP, VTSI and VTSI_BUP and/or, while the recording area is intended for recording VOBS, the free area accommodates a VOBS containing a menu
5 constituting the playback parameters.

9. (Previously Presented) The recording device of claim 4, wherein the recording means record elements of the control information on the record carrier intermitted at times with recording the real-time information.

10. (Cancelled).

11. (Previously Presented) The method of claim 2, wherein the allowed variations of at least one playback parameter or combination of playback parameters are restricted so that the control information fits within the free area.

12. (Previously Presented) The method of claim 3, wherein the free area accommodates VMGI, VMGI_BUP, VTSI and VTSI_BUP and/or, while the recording area is intended for recording VOBS, the free area accommodates a VOBS containing a menu constituting the playback parameters.

13. (Currently Amended) The method of claim 1, wherein the control information includes elements relating to the cells of the real-time information, and wherein the elements of the control information ~~is~~are recorded on the record carrier intermitted at times with recording the real-time information.

14. (Previously Presented) The method of claim 1, further comprising the step of:

receiving real-time video information;

subdividing the real-time information into independently reproducible cells of video information; and

generating control information including playback parameters for reproducing sequences of the cells.

15. (Previously Presented) The method of claim 1, wherein at least a portion of the control information is recorded in the free area subsequent in time to recording the related real-time video information.

16. (Previously Presented) The recording device of claim 4, further comprising:

means for subdividing the real-time information into independently reproducible cells of video information; and

5 means for generating control information including playback parameters for reproducing sequences of the cells.

17. (Previously Presented) The recording device of claim 4, wherein at least a portion of the control information is recorded in the free area subsequent in time to recording the related real-time video information.

18. (Previously Presented) A video playing device comprising:

means for determining a starting point within a recording area of an optical record carrier, the starting point being after and separated from the beginning of the recording area for defining
5 a free area between the beginning of the recording area and the starting point; and

means for controlling the reproducing of real-time video information from real-time video information recorded in the recording area at positions after the starting point and control

10 information related to the real-time video information recorded in
the recording area at positions before the starting point, the
real-time video information and related control information being
arranged according to a recording format, the video information
being divided into cells, the cells being independently playable
15 portions of the video information, the control information
including playback parameters for reproducing sequences of the
cells.

19. (Previously Presented) The reproducing device of claim 18,
wherein the recording format is the DVD format.

20. (Previously Presented) The device of claim 19, wherein the
free area accommodates VMGI, VMGI_BUP, VTSI and VTSI_BUP and/or,
while the recording area is intended for recording VOBS, the free
area accommodates a VOBS containing a menu constituting the
5 playback parameters.

21. (Previously Presented) The method of claim 1, wherein:
the recording format requires a variable area for the
control information depending on variations of the playback
parameters; and the free area is smaller than the variable area
5 maximally required to accommodate all possible variations of the
playback parameters

the allowed variations of at least one playback parameter or combination of playback parameters are restricted so that the control information fits within the free area;

10 the recording format is the DVD format;

the free area accommodates VMGI, VMGI_BUP, VTSI and VTSI_BUP and/or, while the recording area is intended for recording VOBS, the free area accommodates a VOBS containing a menu constituting the playback parameters;

15 elements of the control information is recorded on the record carrier intermitted at times with recording the real-time information;

the method further comprises the step of: receiving real-time video information; subdividing the real-time information into
20 independently reproducible cells of video information; and generating control information including playback parameters for reproducing sequences of the cells;

at least a portion of the control information is recorded in the free area subsequent in time to recording the related real-
25 time video information.

22. (Previously Presented) The recording device of claim 4, wherein:

the recording format requires a variable area for the control information depending on variations of the playback
5 parameters; and the free area is smaller than the variable area

maximally required to accommodate all possible variations of the playback parameters;

the recording means restrict the allowed variations of at least one playback parameter or combination of playback parameters so that the control information fits within the free area;

the recording format is the DVD format;

the free area accommodates VMGI, VMGI_BUP, VTSI and VTSI_BUP and/or, while the recording area is intended for recording VOBS, the free area accommodates a VOBS containing a menu constituting the playback parameters;

the recording means record elements of the control information on the record carrier intermitted at times with recording the real-time information;

means for subdividing the real-time information into independently reproducible cells of video information; and

means for generating control information including playback parameters for reproducing sequences of the cells;

at least a portion of the control information is recorded in the free area subsequent in time to recording the related real-time video information.

23. (Previously Presented) The reproducing device of claim 18, wherein:

the recording format is the DVD format; and

wherein the free area accommodates VMGI, VMGI_BUP, VTSI and VTSI_BUP and/or, while the recording area is intended for

recording VOBS, the free area accommodates a VOBS containing a menu constituting the playback parameters.

24. (Previously Presented) A video recorder comprising:

an optical write head for writing information from an optical video disk;

a head positioner for controlling the position of the

5 optical write head;

a drive for rotating the optical video disk in relation to the write head; and

a controller including:

10 means for selecting a starting point within a recording area of the optical disk, the starting point being after and separated from the beginning of the recording area for creating a free area between the beginning of the recording area and the starting point; and

15 means for controlling the read head and positioner for recording of real-time video information and control information related thereto in the recording area arranged according to a recording format, the video information being divided into cells, the cells being independently playable portions of the video information, the control information including playback parameters
20 for reproducing sequences of the cells, the recording including:

recording the real-time information from the starting point; and

recording the control information in the free area.

25. (Previously Presented) A video player comprising:

an optical read head for reading information from an optical video disk;

a head positioner for controlling the position of the read head;

a drive for rotating the optical video disk in relation to the read head; and

a controller including:

means for determining a starting point within a recording area of the optical disk, the starting point being after and separated from the beginning of the recording area for defining a free area between the beginning of the recording area and the starting point; and

means for controlling the write head and the head positioner for reproducing real-time video information from real-time video information recorded in the recording area at positions after the starting point and control information related to the real-time video information recorded in the recording area at positions before the starting point, the real-time video information and related control information being arranged according to a recording format, the video information being divided into cells, the cells being independently playable portions of the video information, the control information including playback parameters for reproducing sequences of the cells.